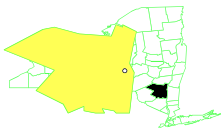


MOHONK ROAD INDUSTRIAL PLANT NEW YORK

EPA ID# NYD986950012



EPA REGION 2
CONGRESSIONAL DIST. 26
Ulster County
Marbletown

Site Description

The Mohonk Road Industrial Plant Site consists of an approximately 43,000 square foot building on a mostly undeveloped 14.5 acre lot. From the early 1960s to 1972, a metal finisher occupied the Site and reportedly used solvents in the finishing and assembly of metal parts for cash registers. From 1972 to 1975, a wet spray painting facility operated at the Site. This type of painting operation would require large quantities of solvents in order to clean surfaces prior to painting. The Site was purchased by Daniel Gelles Associates in 1976, who manufactured store display fixtures until 1992, and whose operations may have involved the use of solvents. The Site is currently owned by Kithkin Corp., which purchased the property in 1993, and currently leases the building to various commercial businesses.

In 1994, a Mohonk Road resident contacted the Ulster County Health Department (UCHD) concerning the quality of her drinking water. The resident's well was sampled in April 1994 and contained volatile organic compounds (VOCs) above New York State drinking water standards. Subsequent sampling identified at least 70 homes downgradient of the Site whose wells were contaminated with VOCs above New York State drinking water standards. The New York State Department of Environmental Conservation (NYSDEC) has provided granular activated carbon (GAC) filtration units to 70 homes and businesses whose water contains VOCs above New York State drinking water standards.

NYSDEC performed several investigations to determine the source and extent of contamination at the Site during 1996, 1997, and 1998. The potential source of contamination was identified as a 1,000 gallon septic tank on the Site property, which was subsequently removed by NYSDEC in September, 1997. As a result of these investigations, the Site was added to the NPL. The Site is in a predominantly residential area, with local residences and businesses obtaining water from individual wells which draw from the bedrock aquifer contaminated with VOCs from the Site.

Site Responsibility: This site is being addressed through Federal and State actions.

NPL LISTING HISTORY

Proposed Date: 09/30/98

Final Date: 01/19/99

Threats and Contaminants



Groundwater at the Site is contaminated with various VOCs. These VOCs included: 1,1,1-trichloroethane (1,1,1-TCA), trichloroethylene (TCE), 1,1-dichloroethylene (1,1-DCE), and 1,1-dichloroethane (1,1-DCA). A VOC plume extends a distance of approximately 1.0 mile from the Site and covers an area of roughly 170 acres.



There is currently the potential for significant human exposure through inhalation and ingestion of VOCs in contaminated groundwater. It is noted, however, that homes and businesses with wells that have been significantly impacted by contaminated groundwater have been provided GAC filter systems by NYSDEC to ensure a safe supply of water. EPA and the UCHD are monitoring wells near the Site without GAC filters to ensure that they meet drinking water standards. Soils below ground surface may pose a threat to construction workers if disturbed.

Cleanup Approach

The site is being addressed in two stages: immediate actions and a long-term remedial phase focusing on cleanup of the entire site.

Response Action Status



Immediate Actions: EPA has undertaken an interim groundwater action to minimize the migration of grossly contaminated groundwater underlying the Site property. EPA released its plan for this action in February 1999 and solicited public comment on the plan. The groundwater in the vicinity of the former septic tank were contaminated with over 10,000 : g/l of total VOCs. Construction of a groundwater extraction and treatment system was completed in April 2000 and the system became operational in May 2000. In addition, EPA excavated a total of approximately 2,567 tons of contaminated soil and waste for off-site disposal. NYSDEC and EPA have provided 73 homes and businesses with GAC filtration units thereby ensuring a clean potable water supply.



Entire Site: NYSDEC released a feasibility study which evaluated cleanup alternatives for the entire Site in March 1999. A proposed plan, outlining the recommended alternative for remediating the Site, was released on November 1999, and public comments were taken from November 15, 1999 through March 15, 2000. On March 31, 2000, EPA issued a Record of Decision (ROD) for the Site, which documents the selected remedy for Site cleanup. The major components of the remedy are: 1) construction of a drinking water treatment plant and distribution system to serve the proposed water service area in High Falls, 2) extraction of groundwater on and off the Site property and treatment with an air stripper, and 3) excavation of approximately 500 cubic yards of contaminated soils on the Site property and disposal off-Site.

Cleanup Progress



NYSDEC removed the septic tank believed to be the source of contamination, and about 25 cubic yards of stained soil associated with it in September 1997. NYSDEC and EPA have also provided GAC filtration units to homes and businesses whose water contains VOCs above New York State drinking water standards.

EPA has completed construction of the groundwater extraction and treatment plant on the Site property, which became operational in May 2000. To date, 10,191,868 gallons of contaminated groundwater has been extracted and treated.

In the fall of 1999 and 2000, EPA excavated a total of approximately 2,567 tons of contaminated soil and waste for off-site disposal.

In summer 2000, EPA entered into an Interagency Agreement with the Army Corps of Engineers for Remedial Design of the potable water treatment plant and distribution system and to operate and maintain the groundwater extraction and treatment system and the GAC units. EPA hosted a public availability session on March 28, 2002 to present and collect comments on the 35% design of the potable water treatment and distribution system.

Site Repository



Stone Ridge Library, 3700 Main St. P.O. Box 188, Stone Ridge, New York 12484-0188

Telephone: (914) 687-7023 Contact: Front Desk.

Hours: Monday and Wednesday 1:30 PM -8:00 PM, Tuesday, Thursday, and Saturday 10:00 am-5:30 PM, Friday 1:30 PM -5:30 PM.

There is also an information repository set up at:

Rosendale Library, 264 Main Street, P.O. Box 482, Rosendale NY 12472

This information repository contains many of the Site documents, but not the entire Administrative Record (which is available at the Stone Ridge Library).